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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/944,488
Filing Date	August 30, 2001
First Named Inventor	Warren M. Farnworth
Group Art Unit	1722
Examiner Name	E. Luk

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Attorney Docket Number 3996US (99-0254.00/US)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
EL		US-6,251,488	06/26/01	Miller et al.	427/596
EL		US- 6,259,962	07/10/01	Gothait	706/119
EL		US- 6,268,584	07/31/01	Keicher et al.	219/121,64
EL		US- 6,326,698	12/04/01	Akram	257/781
EL		US- 6,337,122	01/08/02	Grigg et al.	428/195,1
EL		US- 6,391,251	05/21/02	Keicher et al.	419/1
EL		US- 6,432,752	08/13/02	Farnworth	438/127
EL		US- 6,489,007	12/03/02	Grigg et al.	428/132
EL		US- 6,506,671	01/14/03	Grigg	438/612
EL		US- 6,514,798	02/04/03	Farnworth	438/127
EL		US- 6,524,346	02/25/03	Farnworth	438/1763
EL		US- 6,525,408	02/25/03	Akram et al.	257/668
EL		US- 6,544,465	04/08/03	Farnworth et al.	264/401
EL		US- 6,544,821	04/08/03	Akram	438/127
EL		US- 6,544,902	04/08/03	Farnworth	438/781
EL		US- 6,548,897	04/15/03	Grigg	257/737
EL		US- 6,562,278	05/13/03	Farnworth et al.	264/401
EL		US- 6,569,753	05/27/03	Akram et al.	438/612
EL		US- 6,585,927	07/01/03	Grigg et al.	264/401
EL		US- 6,593,171	07/15/03	Farnworth	438/127
EL		US-6,607,689	08/19/03	Farnworth	264/401
EL		US-6,635,333	10/21/03	Grigg et al.	428/134

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature

Carol M.

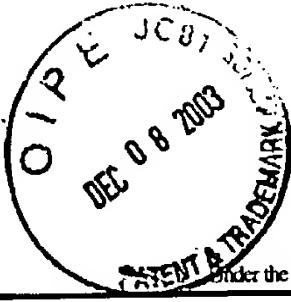
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First Named Inventor	Warren M. Farnworth
Group Art Unit	1722
Examiner Name	E. Luk

Attorney Docket Number 3996LIS (99-0254 00/LIS)

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EL		U.S. Patent Application Publication 2002/0066966 A1 to Farnworth, dated June 6, 2002	
EL		U.S. Patent Application Publication 2002/0098623 A1 to Akram, dated July 25, 2002	
EL		U.S. Patent Application Publication 2002/0105074 A1 to Akram et al., dated August 8, 2002	
EL		U.S. Patent Application Publication 2002/0171177 A1 to Kritchman et al., dated November 21, 2002	
EL		U.S. Patent Application Publication 2002/0182782 A1 to Farnworth, dated December 5, 2002	
EL		U.S. Patent Application Publication 2002/0195748 A1 to Farnworth, dated December 26, 2002	
EL		U.S. Patent Application Publication 2003/0003179 A1 to Farnworth et al., dated January 2, 2003	
EL		U.S. Patent Application Publication 2003/0003180 A1 to Farnworth et al., dated January 2, 2003	
EL		U.S. Patent Application Publication 2003/0003380 A1 to Farnworth et al., dated January 2, 2003	
EL		U.S. Patent Application Publication 2003/0003405 A1 to Farnworth et al., dated January 2, 2003	
EL		U.S. Patent Application Publication 2003/0068584 A1 to Farnworth et al., dated April 10, 2003	
EL		U.S. Patent Application Publication 2003/0072926 A1 to Grigg et al., dated April 17, 2003	

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EL		U.S. Patent Application Publication 2003/0077418 A1 to Grigg et al., dated April 24, 2003	
EL		U.S. Patent Application Publication 2003/0089999 A1 to Akram, dated May 15, 2003	
EL		U.S. Patent Application Publication 2003/0092220 A1 to Akram, dated May 15, 2003	
EL		U.S. Patent Application Publication 2003/0093173 A1 to Farnworth et al., dated May 15, 2003	
EL		U.S. Patent Application Publication 2003/0098499 A1 to Akram et al., dated May 29, 2003	
EL		U.S. Patent Application Publication 2003/0102566 A1 to Farnworth, dated June 5, 2003	
EL		U.S. Patent Application Publication 2003/0129787 A1 to Farnworth, dated July 10, 2003	
EL		U.S. Patent Application Publication 2003/0139030 A1 to Grigg, dated July 24, 2003	
EL		U.S. Patent Application Publication 2003/0151167 A1 to Kritchman et al., dated August 14, 2003	
EL		U.S. Patent Application Publication 2003/0155693 A1 to Farnworth et al., dated August 21, 2003	
EL		U.S. Patent Application Publication 2003/0173665 A1 to Grigg, dated September 18, 2003	

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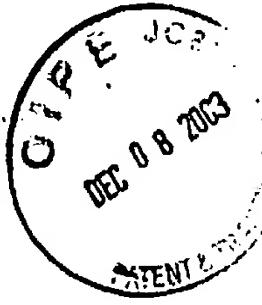
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First Named Inventor	Warren M. Farnworth
Group Art Unit	1722
Examiner Name	E. Luk
Attorney Docket Number	39961US (99-0254 00/1US)

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EL		U.S. Patent Application Publication 2003/0176016 A1 to Grigg, dated September 18, 2003	
EL		U.S. Patent Application Publication 2003/0193092 A1 to Tan et al., dated October 16, 2003	
EL		U.S. Patent Application Publication 2003/0201531 A1 to Farnworth et al., dated October 30, 2003	
EL		U.S. Patent Application Publication 2003/0203158 A1 to Farnworth et al., dated October 30, 2003	
EL		U.S. Patent Application Publication 2003/0203612 A1 to Akram et al., dated October 30, 2003	
EL		U.S. Patent Application Publication 2003/0205849 A1 to Farnworth, dated November 6, 2003	
EL		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22	
EL		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16	
EL		Webpage, Objet Prototyping the Future, "Objet FullCure700 Series", 1 page	
EL		Webpage, Objet Prototyping the Future, "How it Works", 2 pages	
Examiner Signature	<i>Emile Luk</i>	Date Considered	4/12/04

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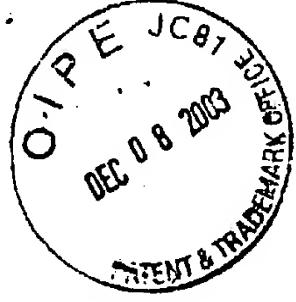
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EL		U.S. Patent Application No. 09/589,841, filed June 8, 2000, entitled "Stereolithographic Methods for Forming a Protective Layer on a Semiconductor Device Substrate and Substrates Including Protective Layers So Formed", inventor Farnworth et al.	
EL		U.S. Patent Application No. 09/590,646, filed June 8, 2000, entitled "Reinforced, Self-Aligning Conductive Structures for Semiconductor Device Components and Methods for Fabricating Same", inventor Williams et al.	
EL		U.S. Patent Application No. 09/651,930, filed August 31, 2000, entitled "Semiconductor Device Including Leads in Communication with Contact Pads Thereof and a Stereolithographically Fabricated Package Substantially Encapsulating the Leads and Methods for Fabricating the Same", inventor Salman Akram	
EL		U.S. Patent Application No. 10/191,424, filed July 8, 2002, entitled "Semiconductor Devices with Permanent Polymer Stencil and Method for Manufacturing the Same", inventor Farnworth et al.	
EL		U.S. Patent Application No. 10/201,208, filed July 22, 2002, entitled "Thick Solder Mask for Confining Encapsulant Material Over Selected Locations of a Substrate, Assemblies Including the Solder Mask, and Methods", inventor Grigg et al.	
EL		U.S. Patent Application 10/370,755, filed February 20, 2003, entitled "Chip Scale Package Structures and Method of Forming Conductive Bumps Thereon", inventor Warren M. Farnworth	
EL		U.S. Patent Application No. 10/608,749, filed June 26, 2003, entitled "Methods for Labeling Semiconductor Device Components", inventor Grigg et al.	
EL		U.S. Patent Application No. 10/619,918, filed July 15, 2003, entitled "Stereolithographic Methods for Fabricating Hermetic Semiconductor Device Packages and Semiconductor Devices Including Stereolithographically Fabricated Hermetic Packages", inventor Warren M. Farnworth	
EL		U.S. Patent Application No. 10/642,908, filed August 18, 2003, entitled "Solder Masks for Use on Carrier Substrates, Carrier Substrates and Semiconductor Device Assemblies Including Such Solder Masks, and Methods", inventor Tan et al.	
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EL		U.S. Patent Application No. 10/663,402, filed September 16, 2003, entitled "Processes for Facilitating Removal of Stereolithographically Fabricated Objects from Platens of Stereolithographic Fabrication Equipment, Object Release Elements for Effecting Such Processes, Systems and Fabrication Processes Employing the Object Release Elements, and Objects Which Have Been Fabricated Using the Object Release Elements", inventor Farnworth et al.	
EL		U.S. Patent Application No. 10/688,354, filed October 17, 2003, entitled "Thick Solder Mask for Confining Encapsulant Material Over Selected Locations of a Substrate and Assemblies Including the Solder Mask", inventor Grigg et al.	
EL		U.S. Patent Application No. 10/690,417, filed October 20, 2003, entitled "Methods of Coating and Singulating Wafers and Chip-Scale Packages Formed Therefrom", inventor Farnworth et al.	
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